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| **Job Description (Senior Researcher)** |

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| **Workplace** | Biomedical Mathematics Group,  Pioneer Research Center for Mathematical and Computational Sciences (HQ, Daejeon) | **Job category**  **(level)** | Senior Researcher | **Area of hiring** | Biomedical Mathematics or equivalent fields |
| **Work duties** | Research on Biomedical Mathematics | | | | |
| **Main business of IBS** | Institute for Basic Science (IBS) is a national research institute established in accordance with Article 14 of the Special Act on Establishment of and Support for International Science and Business Belts. IBS aims to discover creative knowledge and secure original technologies through world-class basic science research. | | | | |
| **Research area of the Center** | Biomedical Mathematics | | | | |
| **Duties and responsibilities** | Research on Biomedical Mathematics | | | | |
| **Knowledge required** | Knowledge of Biomedical Mathematics or equivalent field (Doctoral degree) | | | | |
| **Competencies required** | Research paper and report writing skills, Communication and presentation skills, Problem solving ability, Fluency in English | | | | |
| **Attitude required** | - Communication through cooperation  - Creative work attitude for research in various fields of Biomedical  Mathematics | | | | |
| **Basic skills required** | Communication, Mathematics, Problem solving, Interpersonal relationship, Information processing, Understanding of the organization, Work ethics | | | | |
| **Qualification** | - Degree: Doctoral degree  - Major: Mathematics, Physics, Chemistry, Biology, Statistics, Medicine, Pharmacology, or a related field | | | | |
| **Screening** | Stage 1: Document screening → Stage 2: Interview  In accordance with the blind hiring policy for researchers, the applicant’s information including academic background, schools, period spent on obtaining degrees, reference letters and experience is provided to the screening panel. However, personal information that can identify the applicant (e.g., gender and age) is not provided. | | | | |

* This job description states major work duties of the hiring area. Work duties that are not stated here may need to be performed.

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| **Job Description (Postdoctoral Research Associate)** |

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| **Workplace** | Biomedical Mathematics Group,  Pioneer Research Center for Mathematical and Computational Sciences (HQ, Daejeon) | **Job category**  **(level)** | Postdoctoral Research Associate | **Area of hiring** | Biomedical Mathematics or equivalent fields |
| **Work duties** | Research on Biomedical Mathematics | | | | |
| **Main business of IBS** | Institute for Basic Science (IBS) is a national research institute established in accordance with Article 14 of the Special Act on Establishment of and Support for International Science and Business Belts. IBS aims to discover creative knowledge and secure original technologies through world-class basic science research. | | | | |
| **Research area of the Center** | Biomedical Mathematics | | | | |
| **Duties and responsibilities** | Research on Biomedical Mathematics | | | | |
| **Knowledge required** | Knowledge of Biomedical Mathematics or equivalent fields (Doctoral degree) | | | | |
| **Competencies required** | Research paper and report writing skills, Communication and presentation skills, Problem solving ability, Fluency in English | | | | |
| **Attitude required** | - Communication through cooperation  - Creative work attitude for research in various fields of Biomedical  Mathematics | | | | |
| **Basic skills required** | Communication, Mathematics, Problem solving, Interpersonal relationship, Information processing, Understanding of the organization, Work ethics | | | | |
| **Qualification** | - Degree: Doctoral degree (obtained within recent 5 years or to be obtained  within 3 months from the expected appointment date)  - Major: Mathematics, Physics, Chemistry, Biology, Statistics, Medicine,  Pharmacology, or a related field | | | | |
| **Screening** | Stage 1: Document screening → Stage 2: Interview  In accordance with the blind hiring policy for researchers, the applicant’s information including academic background, schools, period spent on obtaining degrees, reference letters and experience is provided to the screening panel. However, personal information that can identify the applicant (e.g., gender and age) is not provided. | | | | |

* This job description states major work duties of the hiring area. Work duties that are not stated here may need to be performed.